Technology in Rural Transportation

A recent study documented more than eighty proven, cost-effective, "low-tech" solutions to rural transportation needs, most developed or implemented by local transportation professionals. One of these solutions is outlined below:

Learn all about the simple solutions on the Internet at http://inform.enterprise.prog.org

The simple solutions report is available from Hau To at (503) 892-2533, or email: to@crc-corp.com

Simple Modifications to Controlled Intersections

Overall goal:	To reduce the number of crashes at dangerous intersections by deploying various intersection safety projects. As the British Columbia government sponsors the auto insurance system, this project will save taxpayer money as well as save lives.
Technical approach:	The Insurance Corporation of British Columbia (ICBC) paid to install a second traffic signal at a high-accident intersection where experts realized that heavy truck traffic would often prevent a motorist from being able to see the stop light. The second light provides drivers with a second view. Researchers in Vancouver have since determined that the installation of additional signal heads can cut the collision rate by 20-30%.
Current status:	It has since been recommended that Vancouver install additional signal heads at 34 intersections.
Location / geographic scope:	Metropolitan Vancouver, British Columbia - Canada.
Agencies involved:	ICBC, private consultants, City of Vancouver.
Cost information:	Costs for signal heads only is approximately $6,000 CDN. Cost to replace signal arms and install signal heads is approximately $13,000 to $21,000 CDN per intersection.
Key contacts:	Mavis Johnson, ICBC, 604.661.6426 or John Pump, ICBC, 604.661.6201.
Have goals been achieved?	Yes. The money saved from reduced numbers of accident claims will meet ICBC's requirement of a 2:1 return on traffic safety investments within two years.
Solution timeline:	The additional signal heads will be installed over a period of two years.

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